

**Buffalo Bayou Above Tidal**

Segment: 1014 San Jacinto River Basin

<b>Basin number:</b>	10
<b>Basin group:</b>	C
<b>Water body description:</b>	From a point 400 meters (440 yards) upstream of Shepherd Drive in Harris County to SH 6 in Harris County
<b>Water body classification:</b>	Classified
<b>Water body type:</b>	Freshwater Stream
<b>Water body length / area:</b>	24 Miles
<b>Water body uses:</b>	Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use

<b>Standards Not Met in 2004</b>				
Assessment Area	Use	Support Status	Parameter	Category
Entire segment	Contact Recreation Use	Not Supporting	bacteria	5a

**Additional Information:** The aquatic life and general uses are fully supported. The fish consumption use was not assessed.

<b>2004 Concerns:</b>			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Entire segment	Nutrient Enrichment Concern	Concern	ammonia
Entire segment	Nutrient Enrichment Concern	Concern	nitrate+nitrite nitrogen
Entire segment	Nutrient Enrichment Concern	Concern	orthophosphorus
Entire segment	Nutrient Enrichment Concern	Concern	total phosphorus

<b>Monitoring sites used:</b>		
Assessment Area	Station ID	Station Description
Entire segment	11353	BUFFALO BAYOU AT IH 610 IN HOUSTON
Entire segment	11354	BUFFALO BAYOU AT WOODWAY DRIVE
Entire segment	11356	BUFFALO BAYOU AT VOSS ROAD
Entire segment	11357	BUFFALO BAYOU AT SAN FELIPE STREET
Entire segment	11358	BUFFALO BAYOU AT PINEY POINT RD 4.3 MI. WEST OF IH 610 IN WEST HOUSTON
Entire segment	11359	BUFFALO BAYOU AT GESSNER DRIVE
Entire segment	11360	BUFFALO BAYOU AT WEST BELT IN HOUSTON
Entire segment	11361	BUFFALO BAYOU AT WILCREST DRIVE IN HOUSTON
Entire segment	11362	BUFFALO BAYOU AT DAIRY ASHFORD RD WEST OF HOUSTON
Entire segment	11363	BUFFALO BAYOU AT ELDRIDGE ROAD IN HOUSTON
Entire segment	11364	BUFFALO BAYOU AT SH 6

(-based on data from 03/01/1998 to 02/28/2003)

<b>Monitoring sites used:</b>		
<b>Assessment Area</b>	<b>Station ID</b>	<b>Station Description</b>
Entire segment	15844	BUFFALO BAYOU AT WESTCOTT AVE. IN HOUSTON
Entire segment	15845	BUFFALO BAYOU AT CHIMNEY ROCK RD IN HOUSTON
Entire segment	15846	BUFFALO BAYOU AT BRIAR FOREST AVE IN WEST HOUSTON
Entire segment	17492	BUFFALO BAYOU AT PEEK ROAD WEST OF HOUSTON

<b>Published studies:</b>		
<b>Publication</b>	<b>Date</b>	<b>Author</b>
IS 28 Buffalo Bayou	Sept. 1980	Kirkpatrick, J.
IS 87-05 Buffalo Bayou	July 1985	Kirkpatrick, J.
IS 87-06 Houston Ship Channel	July 1984	Kirkpatrick, J.
IS 87-06 Buffalo Bayou	July 1984	Kirkpatrick, J.
IS 87-09 Houston Ship Channel	Feb. 1985	Kirkpatrick, J.
IS 87-09 Buffalo Bayou	Feb. 1985	Kirkpatrick, J.
IS 88-01 Buffalo Bayou	April 1987	Kirkpatrick, J.

<b>Historical fish kills:</b>			
<b>Date</b>	<b>Location</b>	<b>Fish Killed</b>	<b>Suspected Cause</b>
6/9/1998	Buffalo Bayou from Westcott St downstream to Fannin at U of H downtown	1000	Low Dissolved Oxygen